

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Cancelled)

2. (Currently Amended) A device management system comprising:
which connects a network device; and
with a device management terminal connected to said network device, said
device management terminal managing that manages said network device so that said
device management terminal and said network device they can communicate with each
other, comprising:
said device management terminal including:
_____ a module storing section for storing a function provision module that is applied to said network device to provide it with functions,
_____ a device information receiving section for receiving device information regarding said network device,
_____ a function determining section for determining a function provision module that has a function available to said network device based on a device type included in said device information received by said device information receiving section,
_____ a module reading section for reading said function provision module determined by said function determining section from said module storing section,

_____ a module sending section for sending said function provision module read by said module reading section to said network device, and

_____ a function selecting section that allows ~~a user to select~~ selection of one or more of the functions corresponding to the function provision module determined by said function determining section, and wherein said module reading section reads out a function provision module that corresponds to a function selected by the function selecting section from said module storing section, and

 said network device including:

_____ a device information storing section for storing said device information,

_____ a device information sending section for sending said device information stored by said device information storing section to said device management terminal,

_____ a module receiving section for receiving said function provision module, and

_____ a module executing section for executing the function provision module received by said module receiving section,

 wherein said device management terminal includes a selection interface generating section for generating a selection interface through which ~~one can select~~ one may be selected one or more of the functions corresponding to the function provision module determined by said function determining section may be selected, and

 wherein said function selecting section presents the selection interface generated by said selection interface generating section to ~~the user~~ so that ~~the user can select~~ one or more of the functions may be selected.

3. (Original) The device management system according to Claim 2, wherein

a plurality of said network devices are connected so that they can communicate with the system, and

said function provision module is a module that realizes a function that is provided by at least two of said network devices working in combination.

4. (Original) The device management system according to Claim 3, wherein

said network device includes a device information acquisition section for obtaining device information for another network device other than itself from that network device among said plurality of network devices, and

wherein said device information sending section sends device information stored in said device information storing section and device information obtained by said device information acquisition section to said device management terminal.

5-6. (Cancelled)

7. (Currently Amended) The device management system according to Claim 20, wherein

 | said function selecting section generates a GUI screen on which ~~one can select~~ one or more of the functions corresponding to the function provision module determined

by said function determining section may be selected and presents the GUI screen to the user so that the user can select one or more of the functions may be selected.

8. (Cancelled)

9. (Currently Amended) The device management system according to Claim 20, wherein

 said network device includes a selection interface generating section for generating a selection interface through which one can select one or more of the functions corresponding to function provision module determined by said function determining section may be selected, and

 wherein said function selecting section presents the selection interface generated by said selection interface generating section to the user so that the user can select one or more of the functions may be selected.

10. (Original) The device management system according to Claim 9, wherein

 said device information includes device type identification information that identifies the type of said network device, and

 wherein said function determining section determines a function provision module that has a function available to said network device based on a function registration table that stores functions associated with said device type identification information.

11. (Original) The device management system according to Claim 10, wherein

said device type identification information is a device type ID that uniquely identifies the type of said network device, and

said function determining section determines a function provision module that has a function available to said network device based on a function registration table that stores functions associated with said device type IDs.

12. (Original) The device management system according to Claim 11, wherein:

said module storing section stores said function provision module as associated with user ID,

said device management terminal includes a user ID receiving section for receiving said user ID, a second module reading section for reading a function provision module corresponding to a user ID received by said user ID receiving section from said module storing section, and a second module sending section for sending said function provision module read by said second module reading section to said network device, and

said network device including a user ID storing section for storing a user ID, and a user ID sending section for sending the user ID stored in said user ID storing section to said device management terminal.

13. (Original) The device management system according to Claim 12, wherein:

 said device management terminal includes a provision limiting section for limiting provision of a function provision module, and

 wherein said provision limiting section prevents a function provision module that has been once provided to said network device based on said user ID from being provided for a re-access based on the same user ID.

14. (Original) The device management system according to Claim 12, wherein

 said device management terminal includes a provision limiting section for limiting provision of a function provision module, and

 wherein said provision limiting section defines the provision range of function provision module for each of said user ID, and prevents provision of a function provision module that has been provided to the network device based on said user ID beyond the provision range defined for the user ID.

15. (Currently Amended) A device management terminal connected to a network device so that said device management terminal can communicate with the network device, comprising:

 a module storing section for storing a function provision module that is applied to said network device to provide it with functions,

_____ a device information receiving section for receiving device information regarding said network device,

_____ a function determining section for determining a function provision module that has a function available to said network device based on a device type included in said device information received by said device information receiving section,

_____ a module reading section for reading the function provision module determined by said function determining section from said module storing section, and

_____ a module sending section for sending said function provision module read by said module reading section to said network device and a function selecting section that allows a user to select selection of one or more of the functions corresponding to the function provision module determined by the function determining section, and

_____ -wherein said module reading section reads out a function provision module that corresponds to a function selected by the function selecting section from said module storing section.

16. (Currently Amended) A network device connected to a device management terminal so that said network device and said device management terminal ~~they~~ can communicate with each other, comprising:

_____ a device information storing section for storing the device information regarding a network device,

_____ a device information sending section for sending the device information stored by said device information storing section to said device management terminal,

_____ a module receiving section for receiving a function provision module that is applied to the network device based on a device type included in said device information to provide ~~it~~the network device with a function, and

_____ a module executing section for executing the function provision module received by said module receiving section, and

_____ a function selecting section that allows ~~a user to select~~selection of one or more of the functions corresponding to the function provision module.

17. (Currently Amended) A programmable computer that is connected to a network device so that the programmable computer and the network device ~~they~~ can communicate with each other, said programmable computer comprising:

~~said computer having~~ a memory containing a terminal program for causing said computer to execute processing that is realized as a device information receiving section for receiving device information regarding said network device, a function determining section for determining a function provision module that has a function available to said network device based on a device type included in ~~said device information received by~~ said device information receiving section, a module reading section for reading the function provision module determined by said function determining section from said module reading section, a module sending section for sending said function provision module read by said module reading section to said network device, and a function selecting section that allows ~~a user to select~~selection of one or more of the functions corresponding to the function provision module determined by said function determining section, and wherein said module reading section reads

out a function provision module that corresponds to a function selected by said function selecting section.

18. (Currently Amended) A programmable computer that is connected to a network device so that said programmable computer and said network device ~~they~~ can communicate with each other, said computer comprising:

~~said computer having a memory containing a terminal program causing said computer to execute processing that is realized as a device information sending section for sending device information stored by a device information storing section to a device management terminal, a module receiving section for receiving a function provision module that is applied to the computer based on a device type included in said device information to provide ~~it~~ the network device with a function, a module executing section for executing the function provision module received by said module receiving section, and a function selecting section that allows a user to select selection of one or more of the functions corresponding to the function provision module.~~

19. (Currently Amended) A device management method for ~~connecting managing~~ a network device ~~so that it can communicate and manage said network device~~, comprising:

~~receiving when~~ device information regarding said network device is received, ~~determining~~ functions available to said network device ~~are determined~~ based on a device type included in the device information, and

_____based on the determination, sending a function provision module that is applied to said network device to provide it with a function ~~is sent to~~ to said network device, and _____ providing a function selecting section ~~is provided~~ that allows a ~~user~~ to ~~select~~selection of one or more of the functions corresponding to the function provision module.

20. (Currently Amended) A device management system comprising:
~~which connects a network device; and~~
~~with a device management terminal connected to said network device, said device management terminal managing that manages said network device so that said device management terminal and said network device~~~~they~~ can communicate with each other, comprising:
said device management terminal including:
_____ a module storing section for storing a function provision module that is applied to said network device to provide it with functions,
_____ a device information receiving section for receiving device information regarding said network device,
_____ a function determining section for determining a function provision module that has a function available to said network device based on the device type included in said device information received by said device information receiving section,
_____ a module reading section for reading said function provision module determined by said function determining section from said module storing section, and

_____ a module sending section for sending said function provision module read by said module reading section to said network device, and
said network device including:

_____ a device information storing section for storing said device information,
_____ a device information sending section for sending said device information stored by said device information storing section to said device management terminal,
_____ a module receiving section for receiving said function provision module,
_____ a module executing section for executing the function provision module received by said module receiving section and a function selecting section that allows a ~~user to select~~selection of one or more of the functions corresponding to the function provision module determined by said function determining section, and wherein said module reading section reads out a function provision module that corresponds to a function selected by said function selecting section from said module storing section,

wherein said device management terminal includes a selection interface generating section for generating a selection interface through which ~~one can select~~one or more of the functions corresponding to the function provision module determined by said function determining section may be selected, and

wherein said function selecting section presents the selection interface generated by said selection interface generating section ~~to the user so that the user can select~~one or more of the functions may be selected.